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1 Data clustering: a review

A. K. Jain, M. N. Murty, P. J. Flynn

September 1999 Computing Surveys (CSUR) , Volume 31 Issue 3

Publisher: ACM

Full text available: Pdf (636.24 KB)

Additional Information: full citation, abstract, review

Bibliometrics: Downloads (6 Weeks): 465, Downloads (12 Months): 3559, Citation

Clustering is the unsupervised classification of patterns (observations, data objects, or events) into groups (clusters). The clustering problem has been addressed in many disciplines; this reflects its broad ...

Keywords: cluster analysis, clustering applications, exploratory data analysis, similarity indices, unsupervised learning

2 Comparison of two approaches to building a vertical search tool: a case study in the nanotechnology domain

Michael Chau, Hsinchun Chen, Jialun Qin, Yilu Zhou, Yi Qin, Wai-Ki Sung, C. J. July 2002 JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital Libraries

Publisher: ACM

Full text available: Pdf (859.29 KB)

Additional Information: full citation, abstract, review

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 95, Citation

As the Web has been growing exponentially, it has become increasingly important to provide information. In recent years, many domain-specific (vertical) search tools have been developed to serve the information needs of specific fields. This ...

Keywords: indexing, information retrieval, internet searching and browsing, phrase matching, personalization, post-retrieval analysis, self-organizing map, search engine, web search engine

3 Book reviews

Karen T. Sutherland

December 2000 intelligence , Volume 11 Issue 4

Publisher: ACM

Full text available: Html (39.65 KB), Pdf (357.20 KB) Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 42, Citation


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- 4 [Hierarchical parallel coordinates for exploration of large datasets](#)
Ying-Huey Fua, Matthew O. Ward, Elke A. Rundensteiner
October 1999 VIS '99: Proceedings of the conference on Visualization '99: ...
Publisher: IEEE Computer Society Press
Full text available:  Pdf (1.84 MB) Additional Information: full citation, abstract, ...
Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 159, Citation

Our ability to accumulate large, complex (multivariate) data sets has fa
effectively process them in search of patterns, anomalies, and other inte
multivariate visualization techniques generally ...

Keywords: hierarchical data exploration, large-scale multivariate data
coordinates

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